App F IX 4

Previous References

1926 (Geol)

File No 134-26

Serial Nos 1-4

Later References

Geol 3-27 (1-3)
" 31-28-(2-6)

Preserve

General and Revenue Secretariat.

Serial Nos 4

Part B for Jubbulpore

SUBJECT

Mine programme of work for the Mysore Geological Department

D 227-4 & 20 6 27

To Dir of Geology

Mysore of the _____ and state that a sum of Rs 10000 has been included provisionally in the Budget for 1927-28 to carry out the detail

G R S. III—11

1926 - 7

GENERAL AND REVENUE SECRETARIAT

Geol

NOTES

File No 134-74

FILE HEADING

Future Programme of work for the Inspire Geological Sect.

From

No	Dated	Received
Diary No	Encls Spare Copies	Serial No

BRIEF ABSTRACT OF LETTER

NOTES AND ORDERS

Note First Sheet

W D 1581—GP[illegible]—30 000—1st-21

(27)

R.S III—3]

Routine Notes

[To be used only for notes, requisitions etc, not intended for permanent record.]

G O d 5 2 27 about Geological Reorgn

—

1) The Development Branch may perhaps be requested to take necessary action in consultation with the Education Dr) in regard to para 4 of the G O

Submd
25/2/27

Ch Dey

2) Secy, Dev Dept with compts

27/2

3) Please ask Dr of Geo to submit proposals as required in para 4

27

N.B. Should routine notes be written on small slip the same must be copied or slips pasted on this form.

RECEIVED 5598 Development Branch

5-3

G.R.S. 111—8]

134-26

Routine Notes. 9-1 ~~27—26~~

[To be used only for notes, requisitions, etc., not intended for permanent record.]

To.

Dr Zoology

No. 2866 & 16/3/27 &

Calls for Returns &

a Programme as Land Drift

— So Ch. 15-2-21-6

3. M 15/3/27

CONFIDENTIAL

¶ 3.—Should routine notes be written on small slips, the notes must be copied, or affixed to this form.

App F III—2]

General and Revenue Secretariat

Geol File No 134 of 1926 7

Serial No	
2	from the Dir of Geol No 2, Rs 21/26-27 dt 22 4 27 Submits for the consideration & appvl of Govt a programme of work for the Geol. Dept'd (1) Resurvey - (b) and A in the enclosed dt 8 8 21 says that resurvey wk in the CC district need not be carried - Paras 2-3 of note - (Geol 27-26-1), and the present & / most important (emphatic) is more or less of the same character as programme (Encl to 4 4 d), whereas ref B dt as in the enclosed dt 1 9 26 - para 19 - says that the continuance of resurvey survey work is necessary (Geol 27 26) (2) Mineral Prospecting - This work is considered very important and Govt in reviewing the reports for 1924-25 & 1925-26 have noted that particular attention should be devoted to this class of programme (& as No 9 C 3891-2/Geol 10 26 4 dt 28 11 25 - para 10, and & D 4730 2/Geol 5-3 26 - 3 dt 22 12 26 - para 6), the present Dir begs much stress on

NOTE—Contn sheet

GPB—5 200—30-3-27

6999 5

App F III—2]

General and Revenue Secretariat

Ref File No 134 of 1926

Serial No

the continuance of this work
9) As regards the investigations of the minerals the Collector of ... were omitted - viz (1) Beryl & (2) Ruby Corundum In respect of these items, Govt have after discussion with the E E Dutt have requested the Dir to investigate these minerals & submit a report to Govt the Dir may therefore be asked to include these minerals also along with other referred to in the programme

Note to para 2(1) - page 10 the Programme

9) (3) Economic Investigations
Re-Carrying on experiments with a view to the ... of the programme the analysis of (1) Copper ore found near Dungarpur & (2) Felspar are omitted ~~which~~ even tho' Govt ~~wanted to~~ prospecting to have issued clear instructions on the points as suggested by Mr Dutt

10) (4) Scientific Reports
The Dir suggests the

NOTE—Contn sheet

GSIS—5,000—20-3-27

6999

App F III—2]

General and Revenue Secretariat

Edn File No 134 of 192 6

Serial No

following -

(a) the discontinuance of the introduction of Part II of the Text Books page 3 of the Programme

(b) the issue of annual statistical bulletins in the form of numerical, memoranda on the state of the system of elementary education

(c) the introduction of lectures by the Asstt Officers in Kannada & English on approved topics

and page 5 -

(1) the appointment of two Educational Graduates designated as Inspectors - page 5 - B Administration

(2) the retransfer of the Coorg Chief Inspector - vice E R Turnbull Officer - to the Educational Department the Mysore Service (I W 76 - 24 Sts 1-6)

IV

(3) an increase in the budget for 1927-28 by Rs 13,500/- (details furnished in Pts 5 & 6 of the Programme)

(4) the matter of the supreme direction

NOTE—Contn sheet

GPB—5,700—30-8-27

6796 7

App. F III—2]

General and Revenue Secretariat.

Ecst File No 134 of 1926

Serial No.

suggested that a sum of Rs 1000/- was necessary in connection with the proposal regarding the ornamental building stones, Govt. would understand if this amount could be provided in the budget for 1927-28

Ecst 107-26 (Limit. of Rs 10)

12) No mention of this is made either in the programme now forwarded or in the details furnished for a special grant of Rs 13,500/-

13) For order

25/4/27

14) The programme sent up by the Director on the lines generally approved by the Govt. during the discussion at the monthly meeting in the Dewan Chamber, on the 14th inst it may be approved

15) As regards the additional Allotment of Rs 13,500 requested by the Dir., the following may have to be allowed.—

1) Rs 8500/- for prospecting work (including the popularisation of high grade building stones - Cf linked file)

2) Rs 440— Equipment of Laboratory

NOTE—Contn sheet

GPS—5,710—29-3-27

6 8

6999

V

App F III—2]

General and Revenue Secretariat

Ecst File No 134 of 192 6

Serial No

3) 1200 — for 2 B Sc Graduate Technicians (at the actual cost)

4) & 5) Rs 1260 + Rs 2100 } for promotion to staff and for the pay of the Chemist to be reverted to the Dept, from the Works —

16) These claims have to be considered at the final stage of the Budget as already covered

Ecst 109-26 J

Sec'y D)

OFFICE OF THE SECRETARY TO THE FINANCE COUNCIL
- MAY 1927
0653

4/5 2nd Member)

WW 3/5

1/5/27

WW 7/5

17) Clear - Let me see the Expenditure Budget estimate of the Dept for next year as now settled

9.5.27

WW 9/5

18) Finl Br

Please see the Second members minute above & put up all the connected files

3798-26 9

to 5-

20/5/27

Fin Br)

19) Subs with folio Nos (1) 168 to 3 (4) 9 & 188 to 6 to the Appendix

K K K

NOTE—Contn sheet

putting up Budget files

Budget files taken over WW

GPB—5 200—30-3-27

6998 9

App F III—2]

General and Revenue Secretariat

File No 1354 of 1926

Serial No

3798-26

& other Expenditure Estimates

If the files may kindly be returned when done with

Subd to the 2nd Member

16/5/27

GEN 16 MAY 1927 REGD DEVELOPMENT BRANCH

OFFICE SECRETARIAT COUNCIL

16 MAY 1927

No 6846

22) So far as the main objects to be aimed at are concerned I think the programme sent us by the Director has been drawn up on proper lines For purposes of however of prescribing a plan of work to be followed by the Department it is desirable to have a general triennial programme and a detailed programme for each year It would be well to discuss these matters personally with the Director and he may be requested to meet me early on any day before 23rd or after the 26th The following are some of the points which have struck me as requiring discussion with him -

(2) Re-survey - This may occupy a subordinate position as proposed by him, but it is necessary to see what progress has been made in carrying it out and what work in the way of publishing records and maps based on materials collected

NOTE —Contn sheet

GPS—S 220—30-3-27

Seri No.

collected yet remains to be done

(2) Distribution of work among the officers o the Department

(3) Which of the minerals mentioned in para 2 of his programme might be taken up for investigation in 1927-28?

(4) Which of the experiments referred to in para 3 of the programme may be taken up in the next year

(5) What is the work supplemtal to that alre carried out by Dr Smeeth which remains to be d for investigating water supply resources?

(6) What are Part II - Records the discontinuance of which is suggested I should like to see some samples of these Records

(7) What is Volume I of the Records which is proposed to be continued?

(8) Is it not possible to have detailed arra -ments for arranging for the geological history referred to in para 4 of the programme

(9) As for issue of bulletins on the mineral resources for inviting private enterprise the pending question of the policy for permitting private exploitation of minerals has first been settled

(10) Appointment of B Sc. Geological Grs to work as Field-men

(11) A sum of Rs 10,000 has been included in the next year's budget for mineral prospecting and other can immediately

Ser No

taken up An estimate of the objects on which money might be spent, may be drawn up and included in the programme for next year

(12) Need for a second Chemist in the Department

23) The above points need not be communicated to the Director and I have noted them only to help in our discussions with him

24) Since Writing the above I have received D.O. from the Dir stating that he will meet me today at 2 p.m. for discussing some matters. The above points may also be discussed today. The Secy will please be present when the Dir meets me today.

Mug
(8/7/26)

6929/19/5

25) Discussed with the Director

26) A draft may be put up approving of the general plan of work given in the enclosure to his letter of the 22nd April This enclosure may form an appendix to the order to be issued and it may be modified to be used as such

27) The transfer of the Chemist from the Iron Works to the Department of Geology may also be authorised ~~In the draft to be put up~~ and sanction ~~also~~ conveyed to the appointment of two Geology B Sc s to work as Field-men on a pay of Rs 50/-

for

Item No

for a period of two years in the first instance

22) The Director may be informed that it has been proposed to include provisionally a sum of Rs 10,000 in his budget for next year for the par of the programme which should receive active attention in the ~~next~~ year and he may be requested to send up a detailed programme of work for that year as also a statement of the distributio of duties among the officers of the Department

Secl (5-27)

23) Please put up draft

20-5-27

Draft ready

20/5-27

31) Please put up a typed draft

31/5/27

32) Typed draft ready as desired

2/6/27

33) The draft is not suitable. Please put up revised typed draft as directed & instructed.

Draft ready

5/6/27

34) Two drafts for approval

Secl D)

20/6/27

1799 13 C 13

WD 01229 –GPB –37 500—1 3 '

App F III—2]

General and Revenue Secretariat

File No 17 L of 192 6

Seri No

37) Financial Secy has not seen the file

38) wrapr + Form subd

39) For perusal

By 21/6

2483) h 21/6

40) Commd no C & R 133 dy 22 6 27

to the Dir of Geol & Mines

No 227-9 dy 20 6 27

Approves of the General

scheme of work of the dept & states that a

sum of Rs 10 000/- has been

included provisionally in the

budget for 27-28 to carry out

the details contained in the programme

and requests the Dir to send

up a detailed programme

for the ensuing year together

with a statement of distribute-

d duties among the several

Officers of the dept

4 To the Dir. of Geol & Mines.

No 230-4 dy 20-6-27

Sanctions for a period of 2 yrs.

the services of 2 B.Sc (Geol)

on a pay of Rs 60-5-80 each p.m.

for work as Fields men

114/K

dy 20/6/27

8768

dy 21/6/27

Ned 21/6

B & S

GEN & REV SECRETARIAT

4 JUL 1927

DEVELOPMENT BRANCH,

Geol 13 C 7

S O

Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE DEPARTMENTS

G O. No. 2217-67-C B 152-26 6 dated 5th February 1927

Geological Department

Co-ordination of the work of the ——— with that of the Geology Section in the Mysore University

READ—

Government Order No I C 974 1033—Geol 19 22 1 dated 9th August 1922 issuing orders on the re organisation of the Geological Department

2 Correspondence ending with letter No 11210 dated 27th December 1926 from the Registrar Mysore University submitting certain proposals in regard to linking up the work of the Geology Section in the Central College Bangalore with that of the department of Geology

ORDER No 2217 67—C B 152 26 6 DATED 5TH FEBRUARY 1927

The superior staff of the Geological Department now consists of a Director on Rs 1 000—50—1 200 two Assistant Geologists on Rs 300—25—450 and one Sub Assistant Geologist on Rs 125— —250 In addition to the e there is a supernumerary officer (Mr A M Sen) on Rs 600 who is not included in the anctioned scale For teaching Geology in the University there are one Professor on Rs 500—٩٠—1 000 and one Assistant Professor on Rs 175

2 The question as to how best to co ordinate the work of the Geological Department with the teaching work in the University to the mutual advantage of both has been engaging the attention of Government for some time past The Special Finance Committee had recommended the combination of the post of Professor of Geology with that of the Director but under the conditions then prevailing Government were not able to accept this suggestion The University authorities are also of opinion that a linking up of the work of the two organizations is a very desirable measure as it would on the one hand provide greater facilitie for bringing the students of the University into closer contact with the actual surveying prospecting and other scientific work of the department and on the other hand enable the department to benefit by a closer association with the scientific work of the University

3 Government are therefore pleased to direct that the two posts of Director Geological Department and Professor of Geology in the University be combined into one and the following arrangements brought into effect from the date of relief of Mr B Jayaram the present Director of Geology for the future working of the Department of Geology and the Geological Section of the University —

(*i*) The Director of Geology will be *Ex Officio* Professor of Geology in the Central College There will be one Assistant Professor for teaching Geology as at present The services of the officers of the Geological Department may also be utilised whenever necessary for teaching work or for delivery of lectures at the discretion of the Head of the Department without prejudice to the work of the Department

(*ii*) The pay of the Director and *Ex Officio* Professor of Geology will be fixed at Rs 800—50—1 000 with a duty allowance of Rs 200 Mr P Sampath Iyengar will be appointed Director of Geology and *Ex Officio* Professor from the date on which Mr B Jayaram is relieved of the charge of the department

(iii) In view of the Professorial work that the Director will have to do under the new arrangement a Deputy Director of Geology will be appointed to assist the Director in the disposal of the routine work and in the general administration of the department The pay of the Deputy Director will be fixed at Rs 500—50—600 per mensem Mr A M Sen who is now a supernumerary officer will be appointed Deputy Director on Rs 600 and absorbed into the regular scale of the department

(iv) The other staff of the department will be retained at its present sanctioned strength

(v) In his dual capacity the Director will control the work of the department as well as the teaching work in the University and see that the programme of the department and the college time tables are so arranged as not to clash with one another In respect of their work in the University, the Director and the other officers of the department will be subject to the control of the constituted authorities of the University

4 As soon as the new arrangements come into force the Director of Geology is requested to submit a programme of work for the department with detailed proposals in regard to a suitable distribution of work among the various officer of the department and the adjustment of the work of the department and that of the Geological Section of the University

5 Half the salary of the Director and the allowances if any paid to the other staff of the department for doing teaching work in the University will be debited to the budget of the University

The financial effect of the revised arrangements is shown in the statement appended.

M VENKATESA IYENGAR
For *Chief Secretary to Government*

To—The Director of Geology
The Registrar Mysore University
The Comptroller to Government through Financial Secretariat
The Other Heads of Departments

Exd —P S R N

Statement showing the present and revised scales of the Superior Staff of the Geological Department and of the Geological Section of the University

Present			Revised		
Designation	Grade	Average cost per month	Designation	Grade	Average cost per month
A DEPARTMENT	R	R	A DEPARTMENT	Rs	Rs
1 Director	1 000—50 1—1 200	1 146	1 Director Professor	800—50 1—1 000 plus 200 D A (Half the cost)	573½
2 Assistant Geologists	300—25 1—450	796	1 Deputy Director	500—50/1—600	586⅔
1 Sub Assistant Geologist	125—25 2—250	00	Assistant Geologists	00—25/1—450	796
1 Supernumerary Officer	600	600	1 Sub Assistant Geologist	1 5—25 2—250	200
Total		2 743	Total		2 156⅔
B UNIVERSITY			B UNIVERSITY		
1 Professor	500—50 1—1 000	805	1 Director Professor	800—50/1—1 000 plus 200 D A (Half the cost)	573
1 Assistant Professor	175	175	1 Assistant Professor	175	17
Total		980	Total		748
Total present cost		3 723⅓ P M	Total cost as revised		2 905 P M
					Saving Rs 818⅓ per mensem

W D 1651—GPB—1 7 —1 2 27

(64

APP F VI G1]

SUBJECT ...

... ...

... ...

Diary No of letter replied to 5398

General and Revenue Secretariat

( )

the 192

Date of issue 16 2 71

Signed by Mr Velu

List of enclosures

Co by

Examined by

Section Gen

File No 134 76

Seria No 2

No D 7866 E, dt 13/2/71

To The Secy to Govt

Sir

I am directed to refer to your letter No 2217-67/CB 152-26-6 dt 5 2 71 enclosing orders on the subject mentioned in the letter under reference and to request you to submit a programme of events as per details furnished therein at the earliest

I have the

for Secy

WD 0562—GPB—31 000—17 8 25

(5

MGD 12]

No D.D. No 21/1927

Dated Bangalore 22-4-1927

6999

FROM

P SAMPAT IYENGAR ESQ MA
Director Mysore Geological Department

To

N Rama Rao, Esq, B A, B L,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Departments

SIR

In response to para 4 of Government Order No 2217-6 C B 152-26-6, dated 5th February 1927, I have the honour to submit herewith for the consideration & approval of Government the annexed Programme of work for the Mysore Geological Department

I have the honour to be,
Sir,
Your most obedient servant,

P Sampat Iyengar

Director,
Mysore Geological Department

M R/20

MYSORE GEOLOGICAL DEPARTMENT

Programme of work -

A Scientific

1 Resurvey

This should form in future, very subordinate portion of work of the Department While prospecting for minerals or while inspecting licensed or leased areas where mineral exploitation is going on, the Geology of the areas must be studied in detail If any geologically interesting area outside the mineral areas require investigation, it can be visited during traverses from one portion of the District to another while engaged in mineral prospecting or inspection

2 Mineral Prospecting -

(a) The prospecting for minerals of economic importance should be the main object of the Department with a view to prove the quality and possible quantity of such minerals

(b) In a few cases mining may be resorted to, specially when the mineral can be locally made use of, and also to develop local industries

Note - To begin with, the following mineral occurrences may be investigated

Magnesite, Copper Ores, Corundum, Asbestos, Mica

3 Economic Investigations -

Besides prospecting and, if necessary, mining of minerals as outlined above, the Department should undertake preliminary investigation work to find uses within the State for such minerals with a view to start local

local industries Therefore the Departmental Officers should work in unison with the Officers of other Departments specially with those of the Industries, Electrical and Agricultural Departments, the Indian Institute of Science and the University Experiments on a large scale when necessary can only be done by separate suitable agencies

The following experiments may, with advantage, be undertaken by the Departments noted

(a) Calcining of Magnesite (By the Industries Department

(b) ----do--- of Manganese Ore to increase Mn content (Preliminary tests by the Geological Department and the University)

(c) Concentration of low grade Chrome Ore (Industries Department, the Geological Department to help the Officers with information)

(d) Crushing Limestone for use as fertilizers (Geological and Agricultural Departments)

(e) Calcining Limestone (Industries Department and Agricultural Department for possible use as fertilizers and for cement)

~~(f)~~ The Geological Department to supply the Limestone required

(f) Investigation of the uses of Felspar as fertilizers (Preliminary tests by the Geological and Agricultural Departments)

(g) Mica scraps -- for Micanite (Geological Department University)

(h) Corundum -- for Abrasive purposes -- (Tests to be conducted by the Geological Department and the University)

In previous years, the Geological Department was asked to undertake investigation work to utilize the minerals on an industrial scale This I consider was responsible for no good work being turned out The Depart-

Department should be held responsible 1) to supply information regarding quality and quantity of minerals in the State, 2) to mine and supply them when necessary and 3) in some cases to conduct preliminary investigation work when it is necessary to find application for such minerals on an industrial scale, other Departments or some suitable agencies should be asked to conduct the needful investigations & experiments

The Departmental Officers will have to investigate water supply problems from the Geological standpoint

4 Scientific Reports -

There is no object gained by issuing as usual Part II Records which contain often some ill digested and disconnected notes on Survey and Prospecting work done in the year, I advocate its discontinuance whatever work is done in the year by the Departmental Officers will, in future, find a place in a Record Volume, which will take the place of the present Vol I Records

To collaborate all that is done so far and to write the Geological History of Mysore on a comprehensive basis, Scientific work has to be done It is intended that all Officers of the Department when they happen to be at Head Quarters will have to attend to some problems or rock series assigned to them, (conducting microscopic investigations, chemical analyses and other work connected therewith and thus furnish materials for writing the Geological History of Mysore It is hoped to finish this work in 3 years In this connection, the Central College Laboratories and the services of the Central College Assistants also will be requisitioned

Besides this history, it is aimed at issuing small pamphlets or Bulletins to the public, whenever materials for publication are ready, about particular mineral to give them an idea of the Mineral Resources of the coun

country Also about Water Supply and Soils

5 **Lectures**

The system now in vogue of conducting Field Survey Operations between December and June, and remaining in Head Quarters during the other months in a year to write Reports or to conduct a few investigations in the Laboratory will have to be given up, since the Administrative work (Inspections, etc , to be detailed later on), and the mineral prospecting will claim the time of every Officer of the Department almost throughout the year [The number of Officers ~~m~~ in the Department exclusive of the Director being only four it will not be possible to detail any one to remain in Head Quarters for any considerable time at a stretch Hence I am afraid none can be asked to take up the regular time-table work of the College An additional Assistant Professor ~~m~~ has to be appointed in the University to get through the 14 or 15 hours of work that I am now doing The working hours at the College and the timetable complications on account of the numerous ~~examinations~~ combination of subjects are such that without deputing a full time Officer for that work alone, it will not be possible to arrange satisfactorily in any other manner] Some of the Officers of the Department will ~~however~~ be asked to lecture on and off at the College By doing so, I am sure they will be forced to study up-to date literature on the subjects handled and will thereby benefit themselves and the profession

Besides this it is intended to deliver popular lectures in Kannada and in English in mofussil places on simple Geological facts and on mineral occurrences to educate the public The Departmental Officers can do this without any cost while they are on tour This will supplement the work of the University

B ADMINISTRATIVE

Besides the routine administrative work of the Department, I notice that a good deal of work devolves on the Office, 1) in the issue of Prospecting Licenses and Mining Leases, and their Renewals, 2) in the obtaining of Quarterly Returns regularly from the Licensees, 3) in the compilation of statistics furnished, 4) in the collection of Royalty, Rents due from the License holders, etc The c the Director with the assistance of the Deputy Director when he happens to be in Head Quarters, and the Office Staff hopes to get through There is however the Inspection of the Licensed Mineral areas which has to be undertaken throughout the year by the Departmental Officers, if any satisfactory results have to be achieved This will surely interfere very much with the Prospecting work for minerals undertaken by the Department as well as with the other Scientific work to be done I am of opinion that much the Officers' energies can better be utilized if two Geology Graduates are appointed to help them in the Inspection work They will be styled Fieldsmen and being Graduates in Geology, they can also be useful in arranging the Museum, maintaining the Laboratory, etc

The Departmental Officers will have to attend to the imparting of Practical instructions to the College students when they accompany them on tours

Funds

It is well known that in order to get through any Programme of work, funds are necessary A special lumpsum provision of Rupees 13,500/- has been asked for in the Budget of this Department for 1927-28, for which the details are given below -

(a) For mineral prospecting work during 1927-28, I am asking a Budget provision of Rs 8,500/- It is intended to take up prospecting work on Magnesite, Copper and Co-

Corundum and also to investigate slightly their industrial applications through Departmental agency---------Rs 8500/-

(b) For equipment of Laboratory (Extra grant Non-Recurring)-------- ----------Rs 440/-

(c) Two graduate Fieldsmen for work outlined above on Rs 50-5-70----------Rs 1200/-

Promotion to existing Staff----------Rs 1260/-

Transfer of one Chemist from Bhadravati Iron Works to Geological Department----------Rs 2100/-

Note - This transfer is necessary For the one Chemist the Geological Department has, the Mineral analyses work alone is too much Now we have to get through rock analyses as outlined above Formerly there were two Chemists to the Geological Department, but unfortunately one was placed on the Supernumerary list and sent to Bhadravati Iron Works He has now to be transferred back to the Department

Total Rs 13,500/-

As soon as approval of Government is accorded to the Programme of work given above & the necessary funds allotted, details as to the distribution of work among the various Officers of the Department will be submitted

Director,
Mysore Geological Department

M R/20

2 copies

Proceedings of the Govt of H.H.
the Maharaja of Mysore

Read -

Letter No D$_1$ Dis 21/26-27 dated 22nd April 1927 from the Director of Geology submitting for the approval of Government a revised programme of work of the Geological Department

---

Order No D 227-9/Geol 134-6
Dated Bangalore 20th June 1927

Dated 20/6/27

The Government are pleased to approve of the ~~Geological~~ quinal programme of work of the Department as given in the appendix to this order.

A sum of Rs 10 000/ has been provisionally included in the Budget Estimates of the year 1927-28 to enable the Department to devote adequate attention to the programme of work for that year and the Director of Geology is requested to send up a detailed programme of work for the ensuing year - together with a statement of distribution of duties among the ~~officers~~ officers of the Department, for the information of Government

By order etc
Sd/- W. V. Rama Rao
Secy to Govt Dev Dept

To
The Director of Geology
The Comptroller to Govt
The Registrar Mysore University

Proceedings of the Government of His Highness
the Maharaja of Mysore.

- - - - -

Read —

Letter No.D.1 Mis.21/26-27 dated 2nd April 1927 from the Director of Geology submitting, for the approval of Government, a revised programme of work of the Geological Department.

— 0 —

Order No. D. 227-9/Conf 134-26-3 (Ch ms) Dated, Cs.p. Mysore 20th June, 1927.

The Government are pleased to approve of the general programme of work of the Department as given in the appendix to this order.

A sum of Rs.10,000/- has been provisionally included in the Budget Estimates of the year 1927-28 to enable the Department to devote adequate attention to the programme of work for that year, and the Director of Geology is requested to send up a detailed programme of work for the ensuing year together with a statement of distribution of duties among the officers of the Department, for the information of Government.

N. Ramaswamy

Secretary to Government,
Development Departments.

To

The Director of Geology in Mysore,
The Comptroller to Government,
The Registrar, Mysore University.

BRP/4

A P P E N D I X.

PROGRAMME OF WORK.

1. SURVEY.

This should form, in future, a very subordinate portion of the work of the Department. While prospecting for minerals or while inspecting licensed or leased areas where mineral exploitation is going on, the geology of the areas must be studied in set it. If any geologically interesting area outside the mineral areas required investigation, the inspecting officer should visit them during traverses from one portion of the district to another while engaged on inspection work.

2. MINERAL PROSPECTING AND.

(a) The prospecting for minerals of economic importance should be the main object of the Department, with a view to prove the quality and ascertain the probable quantity of such minerals.

(b) In cases where it may be necessary, mining may be resorted to, especially when the mineral can be locally made use of, or utilised to develop local industries.

(Note.- To begin with, the following mineral occurrences may be investigated - Magnesite, Copper ores, Corundum, Asbestos and Mica.)

3. SPECIAL INVESTIGATIONS.

In addition to the above, the Department should undertake preliminary investigation work to find out, within the State, for such minerals with a view to start local industries. The Departmental officers should work in unison with the Officers of other Departments, specially with those of the Industries, Electrical and Agricultural Departments, the Indian Institute of Science and the University. Experiments on a large commercial scale, however, should be undertaken, when necessary, by suitable agencies in such cases.

(Note - The following are some of the experiments which may be so undertaken in the next few years

(a) Calcining of Magnesite.

(b) " " Manganese Ore to increase its content.

(c) Concentration of low grade chrome ore.

(d) Crushing limestone for use as fertilisers.

(e) Calcining Limestone.

(f) Investigation of the uses of Felspar as fertilisers.

(g) Mica Scraps - for Mosaite.

(h) Corundum for Abrasive purposes.)

The Officers of the Geological Department should also investigate water supply problems in the State, from the - Geological Standpoint.

4. Scientific Reports.

Part II (Records) of the Scientific Reports, will be discontinued in future and whatever work is done in the - year by the Departmental Officers will be incorporated in the Present Part I (Records).

The Department should undertake the compilation of a - Geological History of Mysore on a comprehensive and scientific basis, to collaborate all that has been done so far in that direction. The Officers of the Department, when they are at Head Quarters, should in addition to their other current work, attend to some problems or rock series assigned to them, or conduct microscopic investigations, chemical - analyses, or other work connected therewith, to enable the collection of materials for the compilation of the Geological History. The work should be completed before the end of - June 1930.

Small pamphlets or bulletins about particular minerals should also be arranged to be issued from time to time, to give the public an idea of the mineral resources of the - country as well as its resources in respect of water supply.

5. Lectures.

One of the officers of the Department should

to give lectures in the College on subjects in which they have special practical or other experience, in addition to their other work out in the Moffusil or at head quarters

The Departmental officers should also attend to the imparting of practical instructions to the College students when they accompany them on their tours.

It should also be arranged to have popular lectures delivered in Kannada and English, in Moffusil places, on simple geological facts and on mineral occurrences, by the Departmental officers, while on tour.

V Subramanyasastri
For Secretary to Government
Mines Development Department

MR2/4

2 dfts

Proceedings of the Gov[illegible] of H H
the Maharaja of Mysore

R e a d -

[illegible] er No D, Dis 21/[illegible]-27 dated 22nd April 1927 from the Director of [illegible] stating that [illegible] of the inspection of the licensed mineral areas which has to be undertaken throughout the year by the Departmental Officers interferes much with the prospecting work for minerals undertaken by the Department, as well as with the other scientific work to be done and that it is therefore very necessary to entertain two ~~Geology~~ BSc (Geol) graduates to help the departmental officers in their inspection work and to be useful ~~to them~~ in arranging the Museum, and maintaining the Laboratory, etc

Order No D 230-1/Geol/184 of
Chief Office
~~Bangalore~~ Dated 20th June 1927

Govt are pleased to sanction with effect from 1st Jul 1927, the appointment of two B Sc (Geol) graduates as Workmen Fieldmen, each on a pay of Rs 50/- per mensem for a period of 2 years in the first instance

Secy to Govt Dev Dept

To
The Director of Geology
The Controller to Government
Commercial Secretariat

ACH

Date 20/6/27

Signed [illegible]

The expenditure on this & during the next will be met from the sum of Rs 10 000/- included in the Budget estimates, Mineral Survey & Prospecting